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(74) Common Representative: KONINKLIJKE PHILIPS ELECTRONICS, N.V.; c/o Waxler, Aaron, P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS, N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

(72) Inventors; and

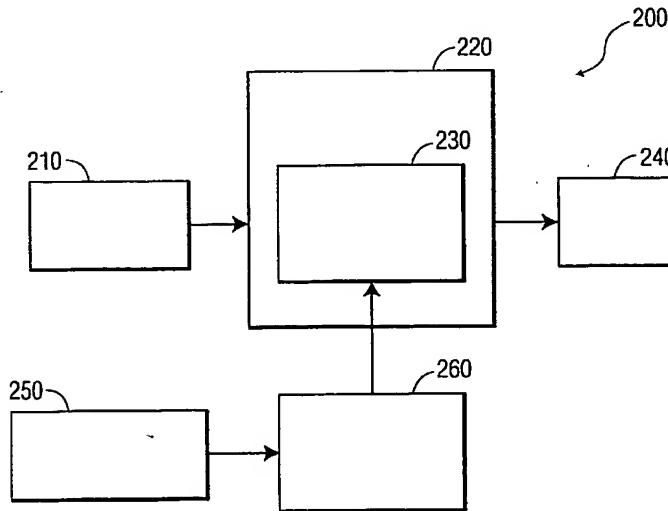
(75) Inventors/Applicants (for US only): GUTTA, Srinivas [IN/NL]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). TRAJKOVIC, Miroslav [YU/US]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US). PHILOMIN, Vasanth [IN/DE]; P.O. Box 3001, Briarcliff Manor, NY 10510-8001 (US).

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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR ADAPTIVELY SETTING BIOMETRIC MEASUREMENT THRESHOLDS



(57) Abstract: A system and method is provided for adaptively setting biometric measurement thresholds in a biometric measurement system. A biometric measurement system comprises a biometric sensor, an analysis unit, and an output unit. The invention comprises an environmental sensor that measures a value of an environmental parameter of the ambient environment of the biometric measurement system. The invention also comprises an adaptive threshold setting unit that adaptively sets an adjustable biometric measurement threshold in the analysis unit using a value of the environmental parameter measured by the environmental sensor. The analysis unit analyzes biometric measurements received from the biometric sensor and uses the adjusted biometric measurement threshold to take into account the influence of environmental changes.

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**Declarations under Rule 4.17:**

- *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii)) for the following designations AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VC, VN, YU, ZA, ZM, ZW, ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG)*
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